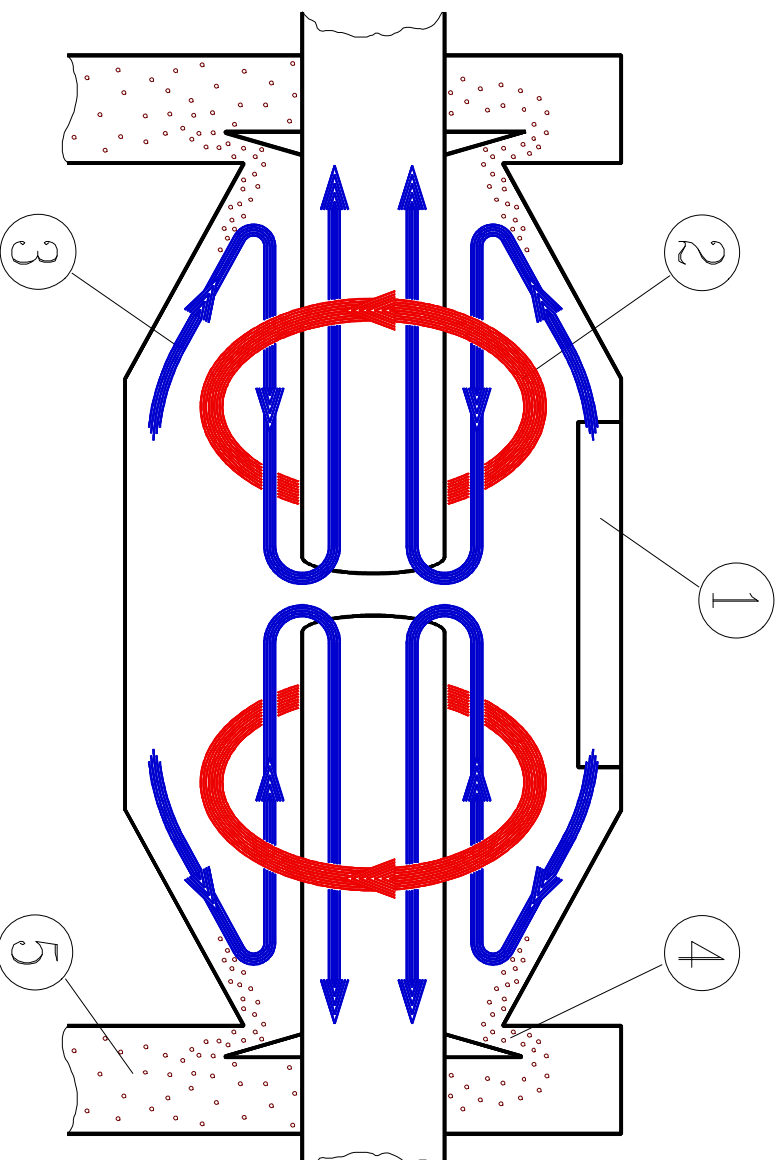


## Functional diagram of symmetrical double cyclone separator



- ① inlet, feed of the particle laden gas flow
- ② induced primary vortex
- ③ radial pressure gradients induce secondary flows in the conical main body of the cyclone
- ④ secondary flows move separated particles to the inlet cross sections of the particle settling chamber
- ⑤ particle settling chamber

### Investigation of Particle Separation in Symmetrical Double Cyclone Separators

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